THE PORT AUTHORITY OF NY & NJ

Memorandum
P Construction Insurance
Asbestos

Refer To	Date	Noted By	Date

To: Robert J. Linn, Deputy Director, WTC Physical Facilities
From: John L. Hofmann
Date: August 3, 1983
Subject: WTC - SUMMARY OF SAMPLING LOCATIONS AND TEST RESULTS FOR AIRBORNE ASBESTOS
Reference: Memo, H. Pool to D. Censullo, same subject, dated 7/28/82
Copy to: W. Connell, D. Censullo, J. Navas, C. Vasquez

FILE
ASBESTOS

Attached for your reference are the updated summary sheets which show the 1983 test locations and test results of our airborne asbestos monitoring program. The samples, except for the otherwise indicated locations, were obtained in the northeast and southwest quardrants of each floor. All samples were obtained in the plenum area above the hung ceiling.

In all areas tested, it should be noted that the airborne fibers are considerably less than those permitted by federal standards, namely, two fibers per cubic centimeter of air.

If you have any questions concerning the summary sheets or the monitoring program we will be happy to discuss them with you.

John L. Hofmann
Sr. Environmental Programs
Specialist
Risk Management Division

PORT AUTHORITY OF N. Y. & N. J.
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AUG - 8 1983
WORLD TRADE DEPARTMENT
DEP. DIR. PHYS. FAC.

JLH/daw

PLAINTIFF'S EXHIBIT
PX-666

...e WTC - Airborne Asbestos
...mpling and Test Results

Fibers per Cubic Centimeter of Air

Sample - Year

Sheet 1 of

Sample Location								
...oor	Quadrant/Room No.		1978	1979	1980	1981	1982	1983
...1	NE	107	.055	-	-	-		
...2	NE	201	.041	-	-	-		
...2	NE	251	.041	-	-	-		
...3	NE	239A	.000	-	-	-		
7	SW		-	-	.010	-		
7	SE	ACS-7.7	.055	-	-	-		
7	NW	ACS-7.11	.027	-	-	-		
7	NE		-	-	-	-		
9	NW		.041	-	-	-	-	
9	SE		.013	-	.140	-	.002	.013
9	SW		.027	-	-	-	-	.030
9	NE		.000	-	-	-	-	
...0	SW		.013	-	-	-	-	.012
...0	NW		.013	-	.020	-	-	
10	SE		.068	-	-	.050	.001	
10	NE		.068	-	-	-	-	.020
...1	NW		.055	-	-	-	-	
11	SW		.027	-	.010	-	-	.013
11	NE		.055	-	-	-	.002	.020
...1	SE		.082	-	-	-	-	
...2	NW		.013	-	-	-	-	
...2	SW		.027	-	-	.050	-	.022
12	SE		.027	-	-	-	-	
12	NE		.013	-	.060	-	.003	.013
13	NW		.027	-	-	-	-	
13	SE		.027	-	.040	-	-	
13	SW		.082	-	-	-	.002	.016
13	NE		.027	-	-	-	-	.016

Floor	Quadrant/Room No.	1978	1979	1980	1981	1982	1983
14	SE	.013	-	-	-	-	
14	SW	.055	-	.050	-	.005	.016
14	NW	.000	-	-	-	-	
14	NE	.013	-	-	.010	-	.010
15	SW	.041	-	-	-	-	.030
15	NW	.027	-	.060	-	.002	
15	SE	.000	-	-	-	-	
15	NE	.013	-	-	-	-	.017
16	NE	.027	-	.030	-	-	.030
16	SE	.000	-	-	-	-	
16	NW	.041	-	-	-	-	
16	SW	.031	-	-	-	-	.020
17	NE	.080	-	-	-	.008	.020
17	NW	.080	-	-	.010	-	
17	SW	.040	-	-	-	-	.020
17	SE	.070	-	.060	-	.002	
18	NW	.040	-	-	-	-	
18	SE	.080	-	-	-	.005	
18	SW	.030	-	-	-	-	.030
18	NE	.070	-	.090	-	.001	.020
19	SE	.020	-	-	-	-	
19	SW	.100	.027	-	.010	-	.020
19	NW	.100	.027	.050	-	.003	
19	NE	.080	-	-	-	.000	.010
20	SW	.060	-	-	-	.002	.020
20	NW	.100	.000	-	-	.005	
20	NE	.020	-	-	-	-	.020
20	SE	.100	.027	-	-	.005	
21	NW	.060	-	-	-	.005	
21	SW	.060	-	-	-	.004	.030

Floor	Quadrant/Room No.	1978	1979	1980	1981	1982	1983
21	SE	.020	-	-	-	-	
21	NE	.060	-	-	.010	.001	.030
22	SW	.020	-	-	-	-	.020
22	NW	.060	-	-	-	.005	
22	SE	.020	-	-	-	-	
22	NE	.010	-	-	-	.004	.030
23	NW	.120	.055	-	-	.002	
23	SW	.120	.027	-	-	.004	.010
23	SE	.080	-	-	-	.000	
23	NE	.110	.055	-	-	.015	.010
24	NW	.080	-	-	-	.001	.020
24	SW	.050	-	-	-	.002	.040
24	SE	.080	-	-	-	.007	
24	NE	.080	-	-	-	.004	
25	NE	.060	-	-	-	.004	
25	SE	.040	-	-	-	-	
25	SW	.010	-	.100	.010	.002	.020
25	NW	.040	-	-	-	-	.020
26	NE	.010	-	-	-	-	.020
26	NW	.040	-	-	-	-	
26	SE	.020	-	-	-	-	
26	SW	.050	-	-	-	.004	.020
27	NW	.050	-	-	-	.006	
27	NE	.010	-	-	.010	-	.020
27	SW	.020	-	-	-	-	.010
27	SE	-	-	-	-	-	
28	SE	.020	-	-	-	-	
28	NE	.040	-	-	-	-	.020
28	SW	.040	-	-	-	.001	.020
28	NW	.040	-	-	-	-	

Floor	Quadrant/Room No.	1978	1979	1980	1981	1982	1983
29	SE	.050	-	-	-	.005	
29	SW	.030	-	-	-	-	.020
29	NW	.010	-	-	-	-	
29	NE	.010	-	-	-	-	.020
30	SE	.010	-	-	-	-	
30	NE	.000	-	-	-	-	.020
30	NW	.010	-	-	-	-	
30	SW	.040	-	-	-	-	.020
31	NE	.010	-	-	-	-	.020
31	SE	.020	-	-	-	-	
31	SW	.010	-	-	-	-	.050
31	NW	.040	-	-	.010	-	
32	NE	.090	-	-	-	.014	.030
32	SE	.080	-	-	-	.002	
32	SW	.090	-	-	-	.001	.050
32	NW	.100	.013	-	-	.000	
33	SE	.080	-	-	-	.001	
33	SW	.110	-	-	-	.001	.010
33	NE	.030	-	-	-	-	.030
33	NW	.090	.041	-	-	.006	
34	NE	.060	-	-	-	.002	.050
34	SE	.060	-	-	-	.010	
34	SW	.060	-	-	-	.002	.070
34	NW	.090	-	-	-	.002	
35	NW	.040	-	-	-	-	
35	SW	.090	-	-	-	.000	.020
35	NE	.050	-	-	-	.002	.040
35	SE	.140	.013	-	-	.001	
36	NE	.020	-	-	-	-	.060
36	NW	.060	-	-	-	.005	

Floor	Quadrant/Room No.	1978	1979	1980	1981	1982	1983
36	SE	.090	-	-	-	.001	
36	SW	.080	-	-	-	.001	.020
37	SE	.110	.027	-	-	-	
37	SW	.020	-	-	-	.002	.030
37	NW	.050	-	-	-	.007	
37	NE	.050	-	-	-	.002	.020
* 38	SW	.040	-	-	-	-	.020
* 38	SE	.050	-	-	-	.004	
* 38	NE	.020	-	-	-	-	.020
* 38	NW	.080	-	-	-	.003	
39	NW	.060	-	-	-		
39	NE	.060	-	-	-		
39	SE	.200	.000	-	-		
39	SW	.160	.041	-	-		
40	SE	.220	.055	-	-		
40	NE	.960	.110	-	-		
40	NW	.110	.055	-	-		
40	SW	.190	.068	-	-		
41	NE	.060	-	-	-		
41	SE	.070	-	-	-		
41	SW	.010	-	-	-		
41	NW	.010	-	-	-		
43	NE	.140	.000	-	-		
43	SE	.040	-	-	-		
43	SW	.960	-	-	-		
43	NW	-	-	-	-		

*Note: Floor 38 was determined by test to be the upper limit of asbestos application.

Floor	Quadrant/Room No.		1978	1979	1980	1981	1982
44	SW		.190	.055			
44	NW		.140	.027			
44	SE		.060	-			
44	NE		.140	.013			
Additional Random Areas:							
6	SW		-	-	.040		
7	SE	ACS 7.6	.000	-	-		
7	NW	ACS 7.5	.013	-	-		
2	NE		-	-	.080		